

[Print](#) | [Close](#)**Patent Record Quick View**

Friday, December 23, 111

Patent/Publication: JP8100668A**DWPI Title**

Crank mechanism for transforming reciprocating linear motion into rotary motion has rotating connection rod, idly provided on engine piston pin, and cam, provided on output shaft, having perimetric profile

Drawing**Original Title**

CRANK SYSTEM FOR TRANSFORMATION OF RECIPROCATING LINER MOTION INTO ROTARY MOTION

Abstract

PROBLEM TO BE SOLVED: To provide a crank mechanism system that transforms reciprocating motion into rotary motion in reciprocating endothermic engines, via an improved thermodynamic cycle action and improved use of resultant force.

SOLUTION: The crank system comprises a wheel or rotating connection rod 2 provided on an engine piston pin 3, and a cam 1 provided on an output shaft 6 and with such a perimetric profile as optimizes the engine cycle strokes. A solution is realized to the rotation of the wheel 2 along the profile of the cam 1.

COPYRIGHT: (C)1996,JPO&Japlo

First Claim**Assignee / Applicant**

Standardized: **POMEZIA SRL**
Original: POMEZIA SRL

Inventor

BIAGINI LIVIO

Publication Number / Date Application Number / Date

JP8100668A / 1996-04-16

JP1995235488A / 1995-09-13

Priority Number / Date

IT1994RM580A / 1994-09-13

JP1995235488A / 1995-09-13

IPC

Current IPC	Invention	Version	AdditionalVersion
Full	F02B 75/32	20060101	-
	F01B 9/06	20060101	-
	F02B 41/00	20060101	-
	F02B 75/22	20060101	-
	F16H 21/18	20060101	-
Main Group	-	-	-
Subclass	-	-	-

Copyright 2007-2011 THOMSON REUTERS